

ABSTRACT OF THE DISCLOSURE

The invention relates to an expression cassette that comprises, under the genetic control of an organ- or tissue-specific promoter and optionally one or more other regulatory elements 3' downstream of the promoter, the coding nucleotide sequence of at least one non-immunogen receptor localized on the cell surface. The invention further relates to the vectors produced therefrom, to the host cells containing said vectors, to a method for purifying differentiated somatic cells using said constructs and to the use of said somatic cells in therapy.